



# FEMA



Prepared by:  
*Jennifer McNatt*

# FEMA Region 6 Weather Threat Briefing

Saturday, June 16, 2018

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).

## Today

- Areas of heavy rain/flash flooding are possible over **NM & W TX**. Debris flows/mudslides possible in and near burn scars.
- A few strong to severe storms are possible over **E NM** and far **W TX**; damaging winds and isolated weak tornadoes are the main threats.

## Sunday

- Isolated heavy rain/flash flooding remains possible over **W TX**, and also begins from the central **TX** coast through **SW LA** coast.

## Monday

- Isolated heavy rain/flash flooding possible across the **TX Coast** into **S TX** and far **SE LA**.
- Some isolated heavy rain also possible over the **E TX/OK Panhandles** into **NW OK**.

## Tuesday - Wednesday

- Areas of heavy rain/flash flooding possible over **S & S-Central TX**.

## Tropical Outlook

- Disorganized showers and thunderstorms associated with a surface trough and an upper level low are occurring over the Yucatan Peninsula and the southern **Gulf of Mexico**. Although environmental conditions are not expected to be favorable for significant development, heavy rains and gusty winds are likely to spread across the central **Gulf of Mexico** today and will reach portions of the Texas and **SW Louisiana** coasts on Sunday.
  - Formation chance through 48 hours...low...10%.
  - Formation chance through 5 days...low...10%.

# FEMA Region 6 Threat Matrix

June 16 2018 – June 20, 2018



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DAY / THREAT	SAT	SUN	MON	TUE	WED
Severe Storms	E NM, Far W TX				
Heavy Rain / Flash Flooding	NM, W TX	W TX, Central TX Coast through SW LA Coast	STX, TX Coast, SE LA E TX/OK Panhandles, NW OK	STX, Coastal TX	STX, Coastal TX
Fire Weather					
Tropical Weather					
River Flooding	NM, W TX	NM, W TX, Coastal TX	S & Coastal TX	S & Coastal TX	S & Coastal TX

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*\*Threat levels are based on FEMA Region 6 criteria.  
State or local threat level criteria may differ.\*  
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

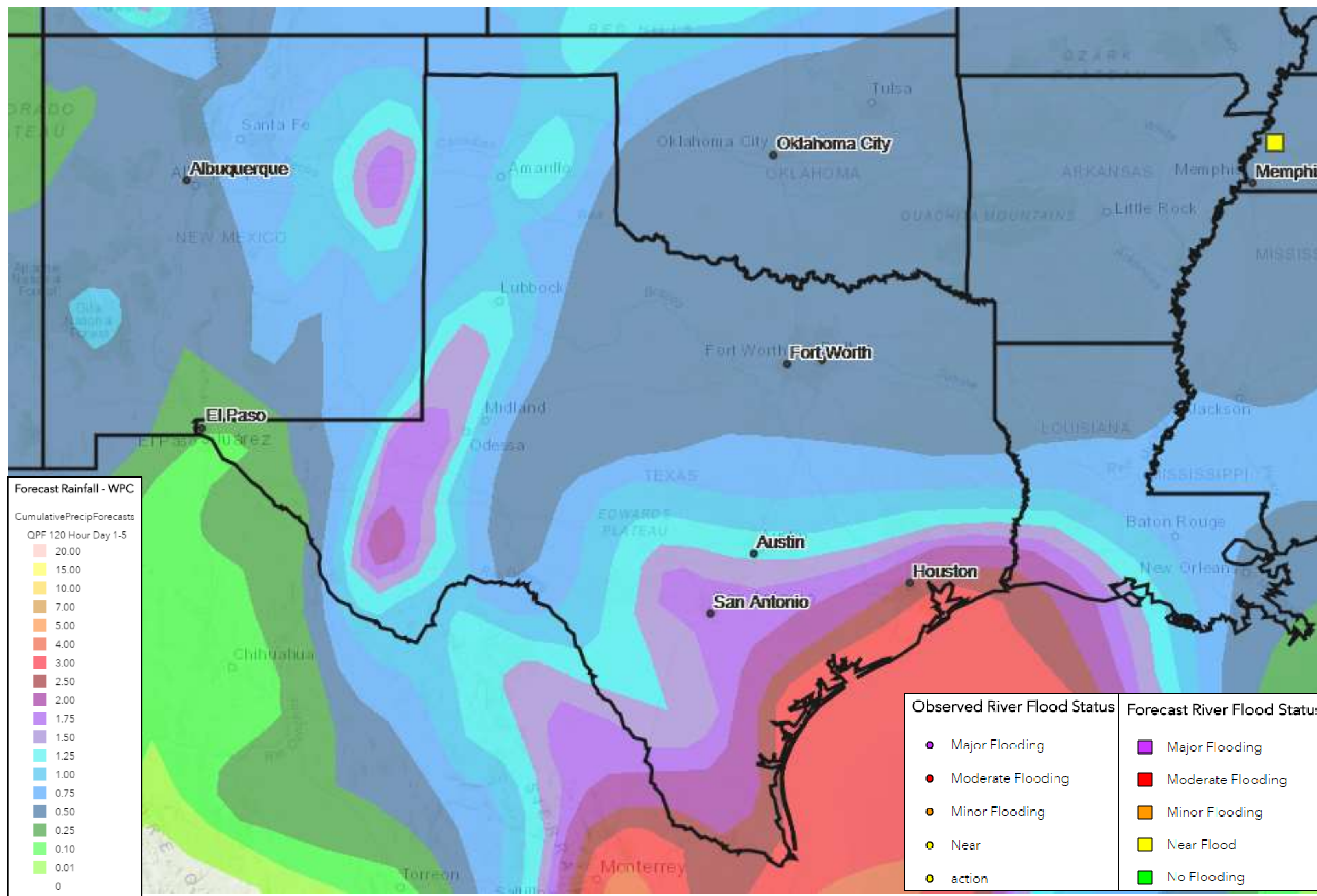


# 5-Day Precipitation Forecast & River Flood Status



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*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



**Moderate flooding is possible if isolated higher amounts from the tropical remnants of Bud fall in the upper Rio Grande. Main concern will be tonight into Sunday from Candelaria down through the Big Bend Region. Isolated minor flooding is also possible.**

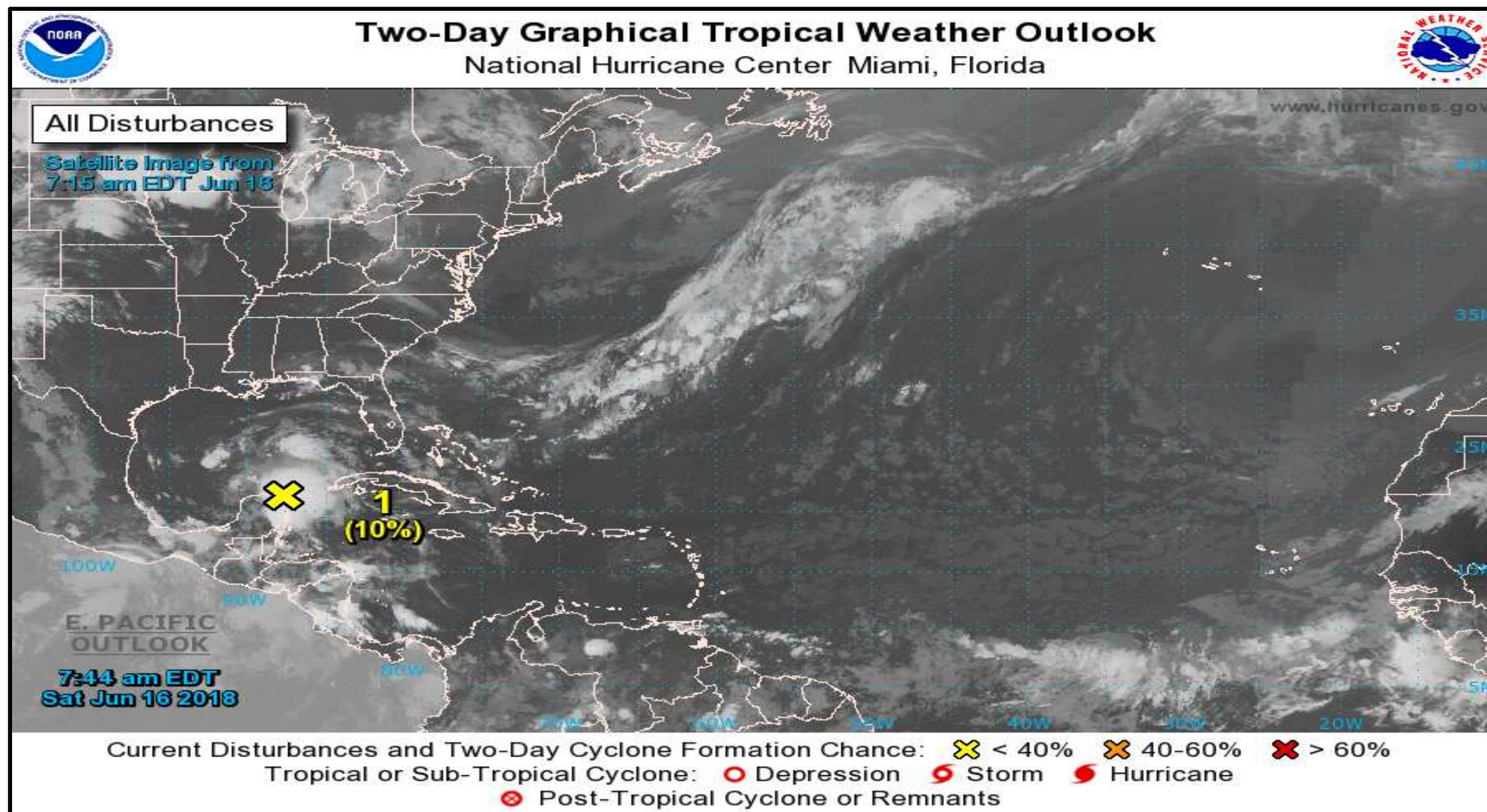
**Longer term concerns: Heavy rainfall is expected along the TX coast from Sunday into early next week; rivers can handle the rainfall in the forecast, but if there are isolated higher amounts, some points may go into minor flood stage.**



# Tropical Weather Outlook – Atlantic/Gulf



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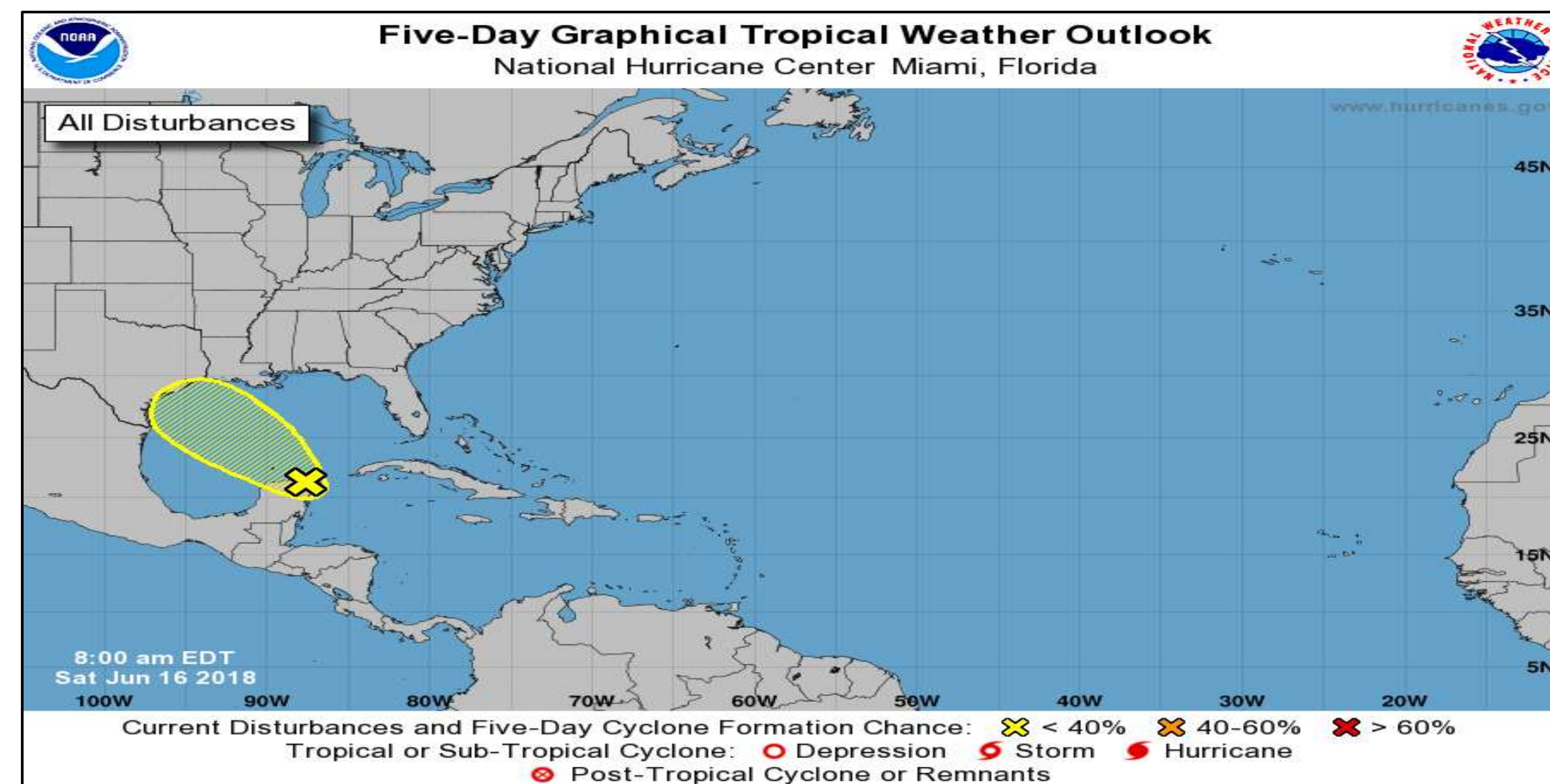


**Disorganized showers and thunderstorms associated with a surface trough and an upper level low are occurring over the Yucatan Peninsula and the southern Gulf of Mexico. Although environmental conditions are not expected to be favorable for significant development, heavy rains and gusty winds are likely to spread across the central Gulf of Mexico today and will reach portions of the Texas and SW Louisiana coasts on Sunday.**

**Formation chance through 48 hours...low...10%.**

**Formation chance through 5 days...low...10%.**

**This system is expected to bring heavy rain to the Texas Coast and SW LA on Sunday.**





# Tropical Weather Outlook – Eastern Pacific

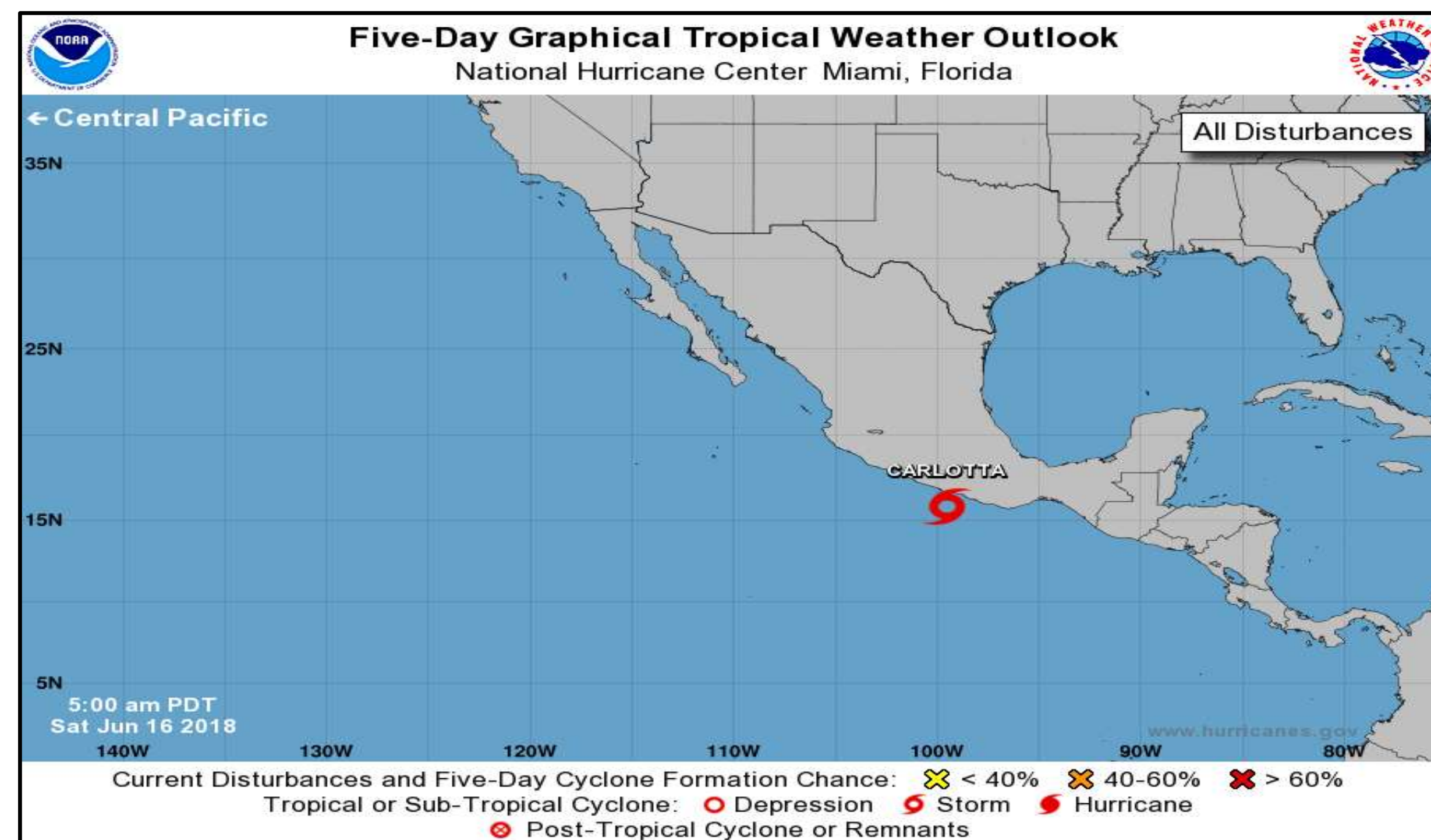


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**Bud has diminished, but will bring tropical moisture into the SW U.S. (including NM and WTX) for the next few days.**

**Tropical Storm Carlotta is expected to slowly move northward and inland early Sunday morning.**



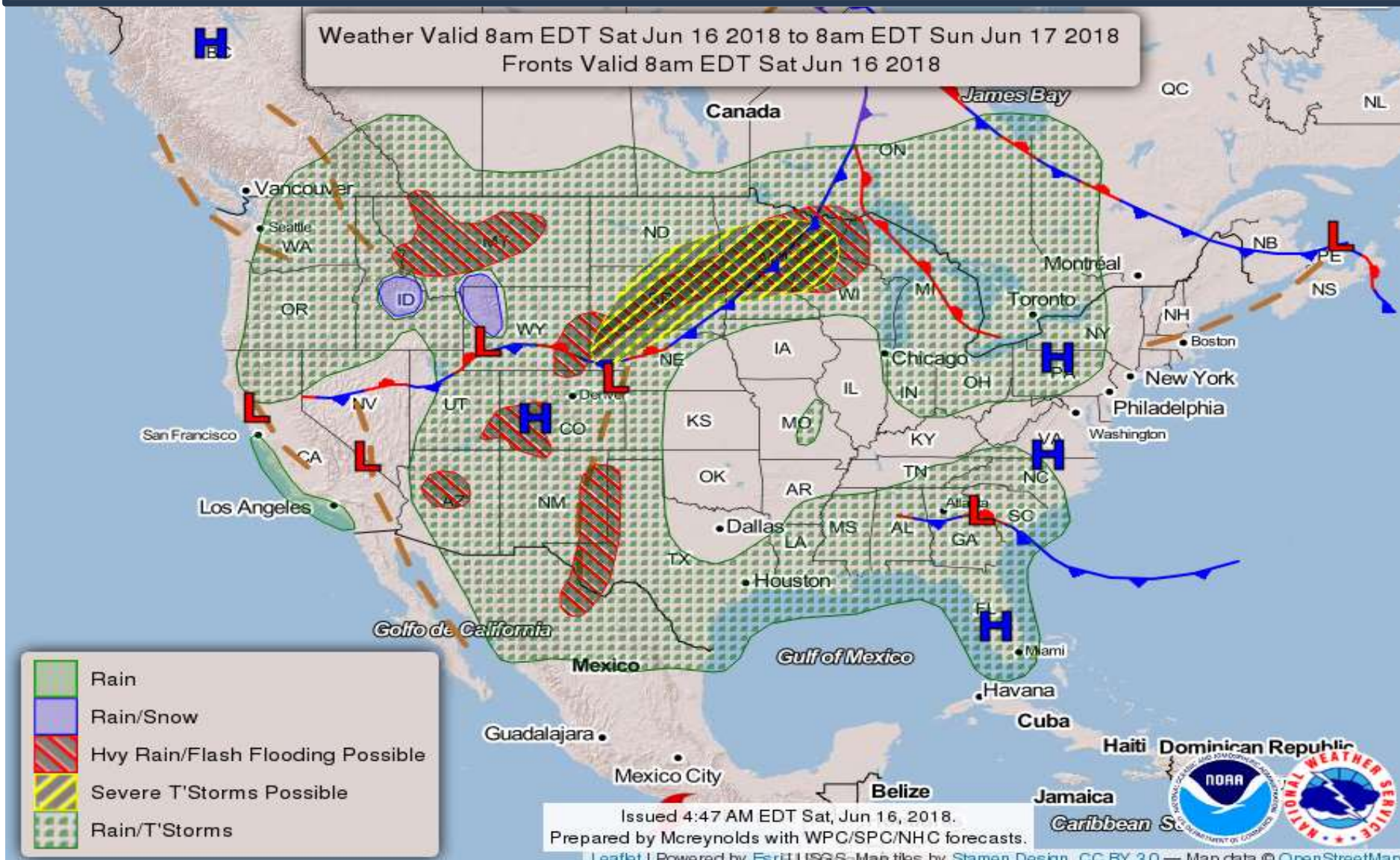


# Today's Weather



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# Forecast Chart



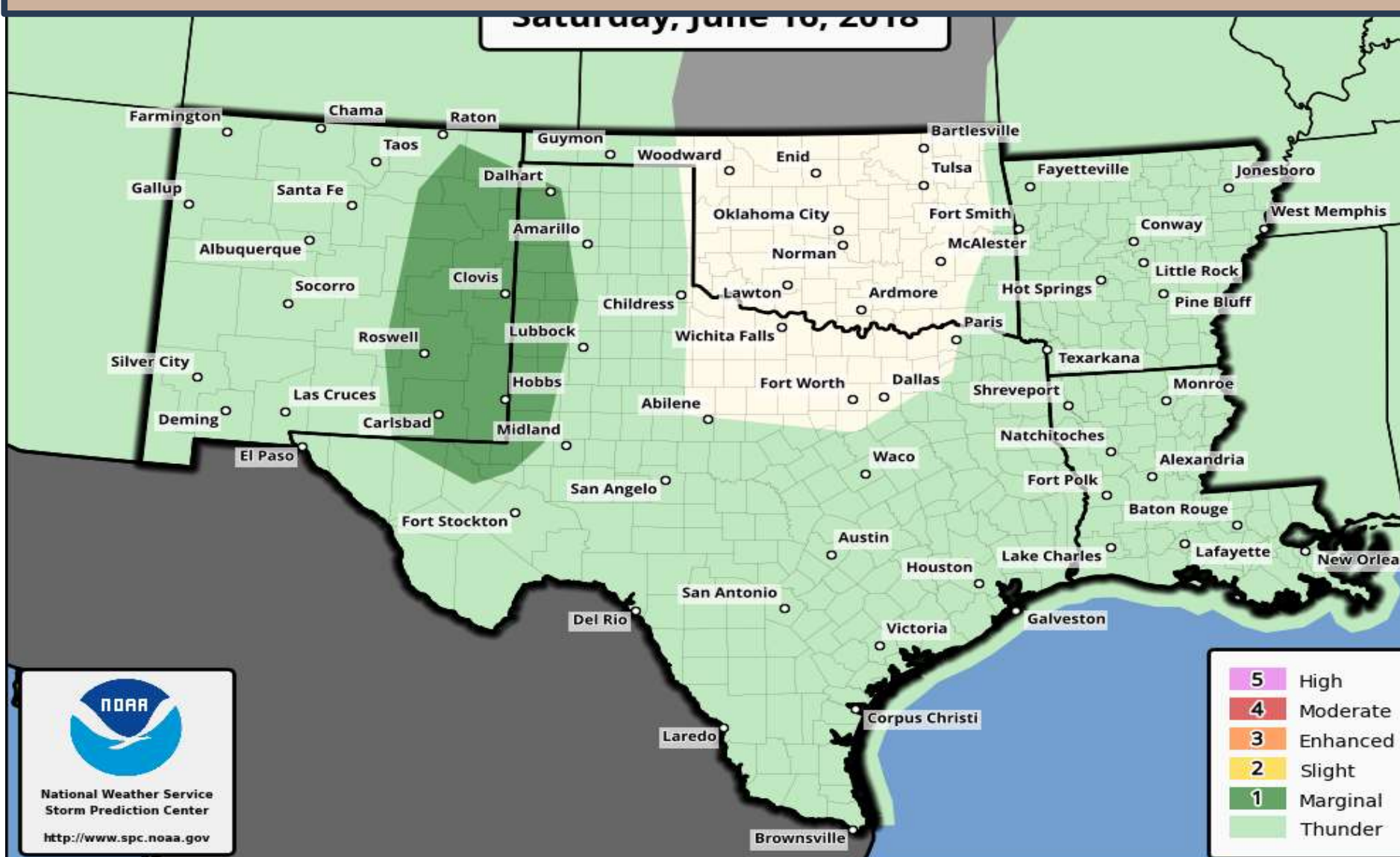
# Forecast Rainfall



**Areas of heavy rain/flash flooding are possible over NM & WTX. Debris flows/mudslides possible in and near burn scars.**

**A few strong to severe storms are possible over E NM and far W TX; damaging winds and isolated weak tornadoes are the main threats.**

# Severe Weather Outlook



## Excessive Rainfall Outlook





# Watches, Warnings, and Advisories



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## Fire Weather



Graphic Created

## Severe Weather & Flooding



Graphic Created

**Flash Flood Watches are in effect over portions of NM and W TX. Debris flows/mudslides possible in and near burn scars.**

## Strong & Gusty Winds



Graphic Created

## Winter Weather



Graphic Created



# Tomorrow's Weather

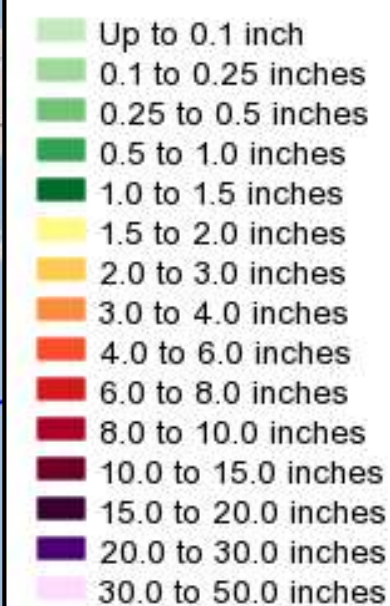
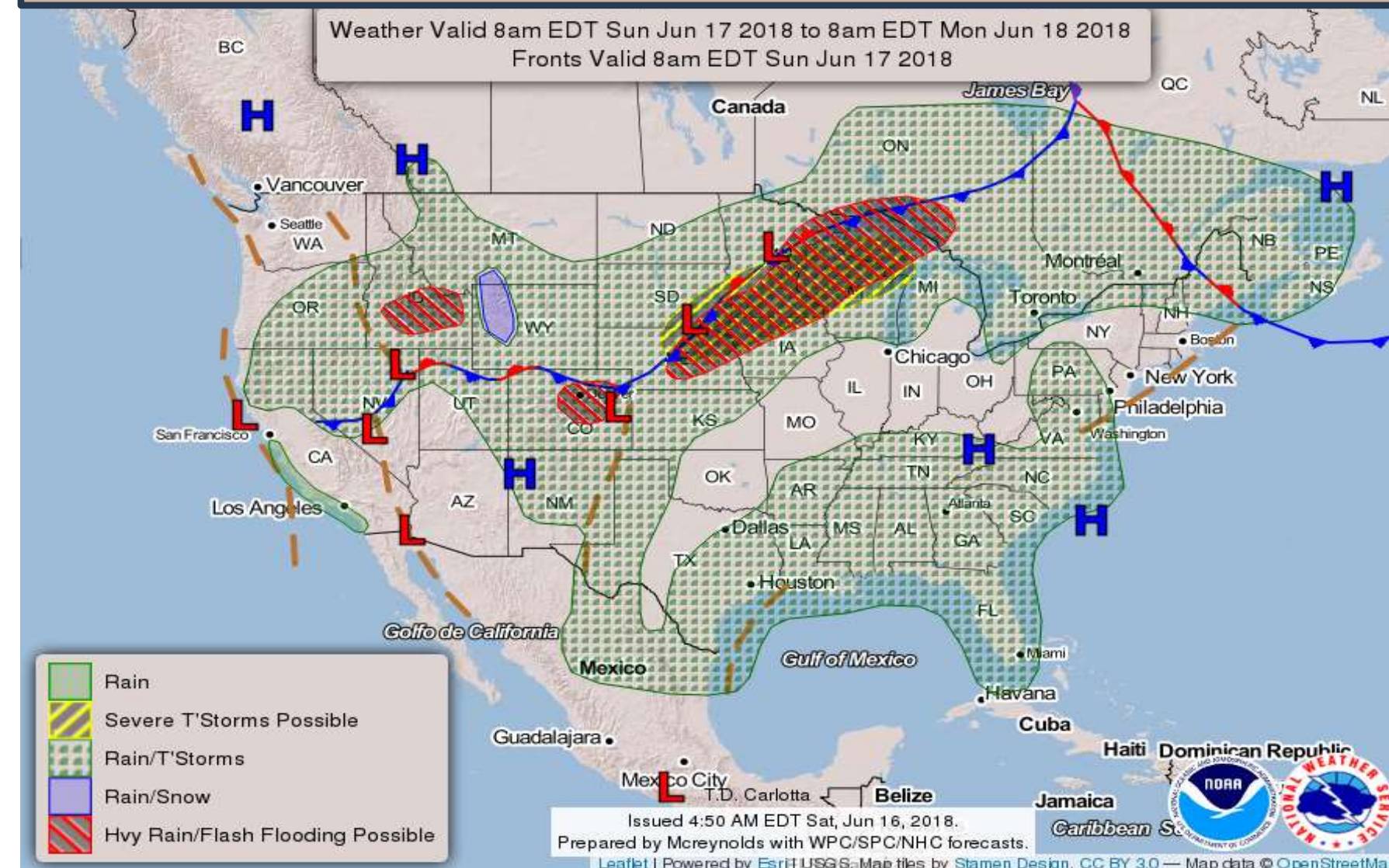


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## Forecast Chart

## Forecast Rainfall

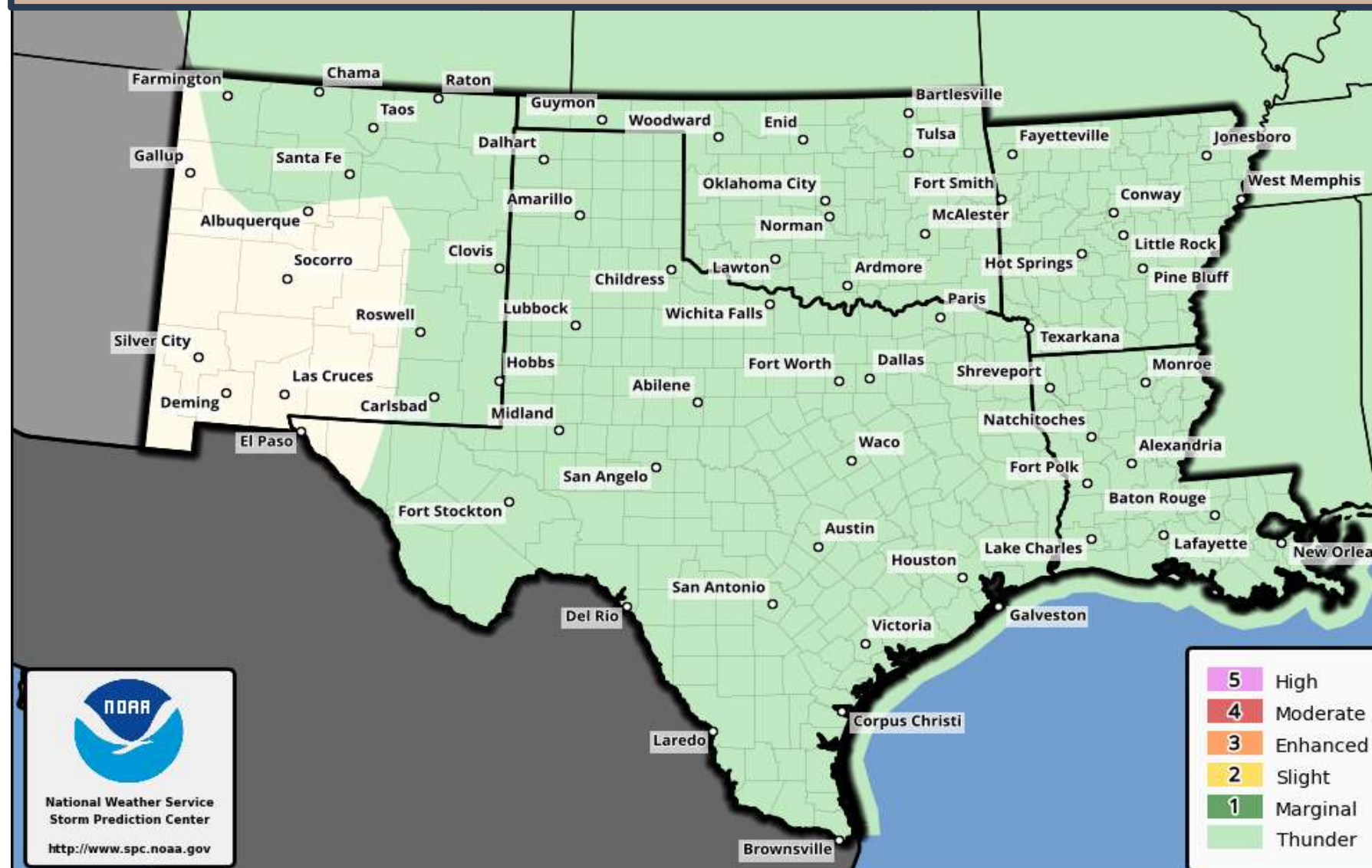
Isolated heavy rain/flash flooding remains possible over WTX...and also from the central TX coast through SW LA coast.



Graphic Created  
June 16th, 2018  
8:08 AM CDT

## Severe Weather Outlook

## Excessive Rainfall Outlook



Graphic Created  
June 16th, 2018  
8:08 AM CDT



# Monday's Weather



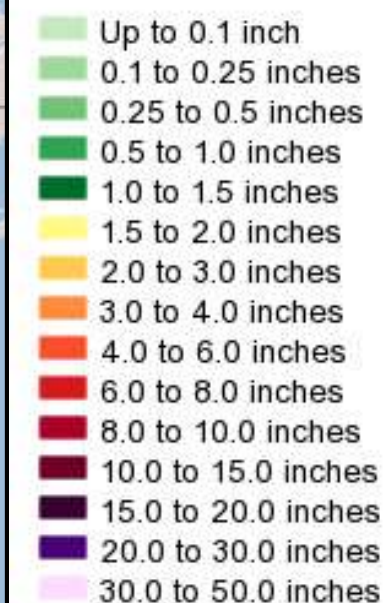
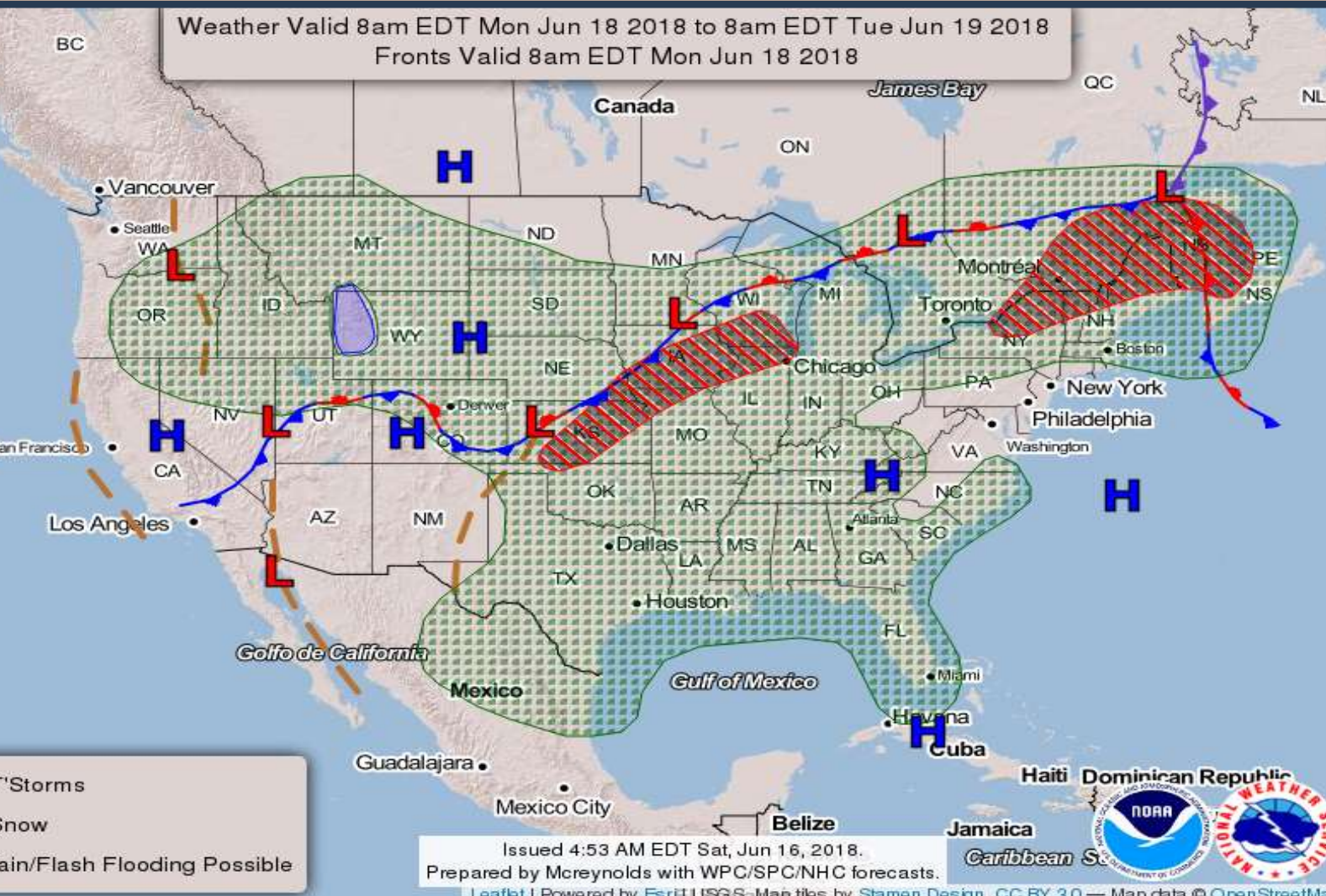
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## Forecast Chart

## Forecast Rainfall

Isolated heavy rain/flash flooding possible across the TX Coast into S TX and far SE LA.

Some isolated heavy rain also possible over the ETX/OK Panhandles into NW OK.



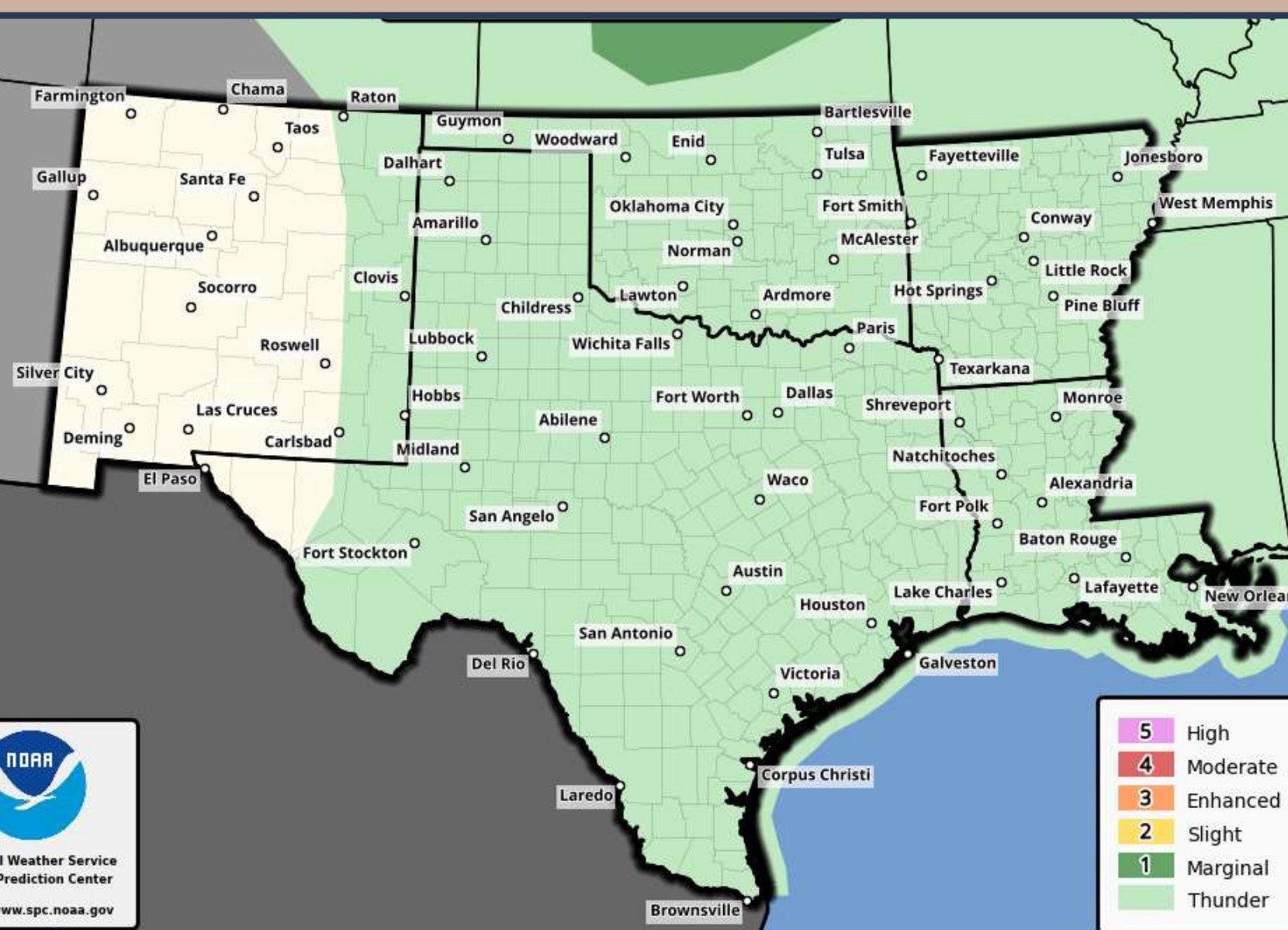
Graphic Created  
June 16th, 2018

## Severe Weather Outlook

## Excessive Rainfall Outlook



Graphic Created  
June 16th, 2018  
AM CDT



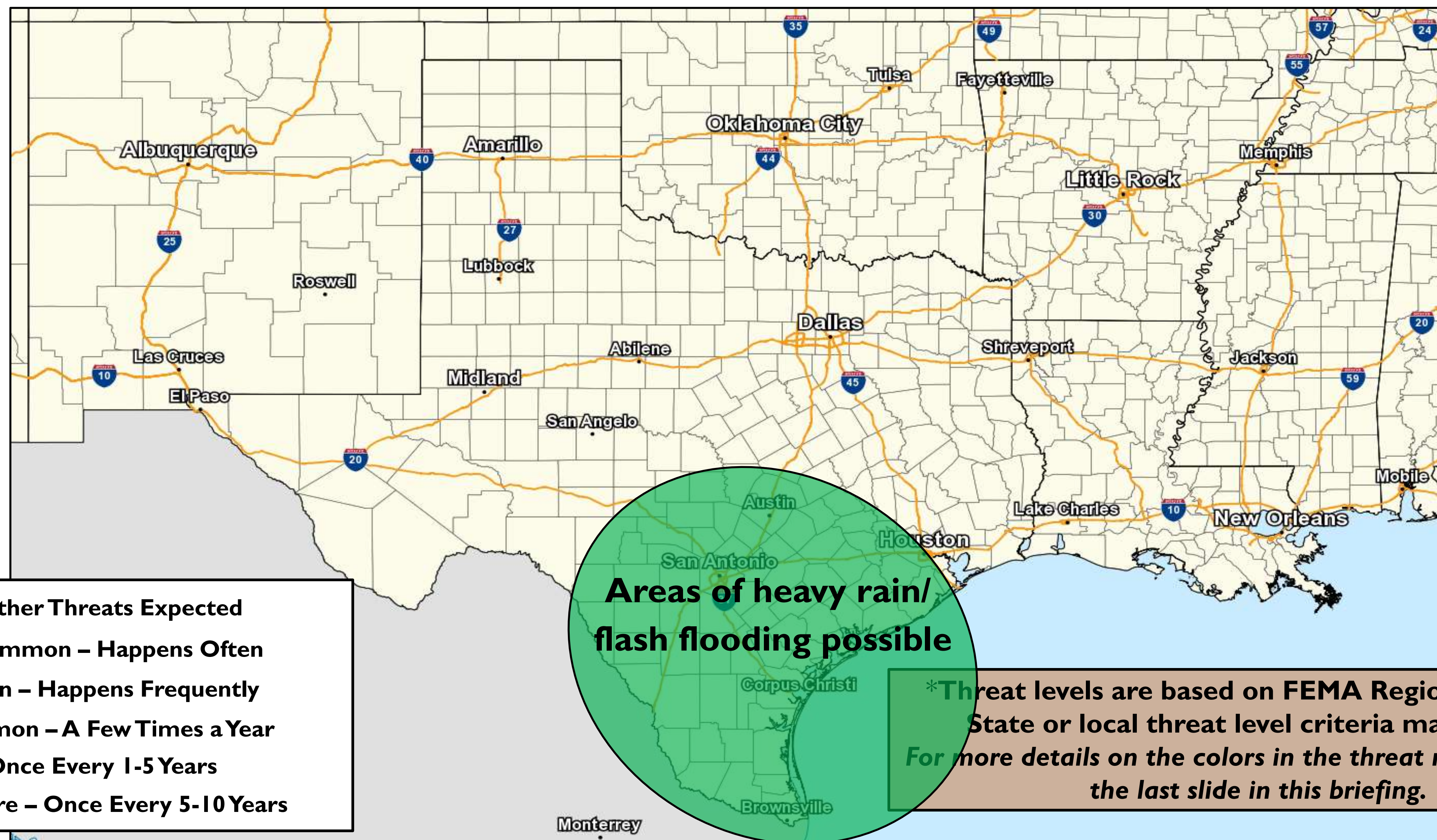


# Days 4-5 Weather Hazards

Tuesday – Wednesday



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- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

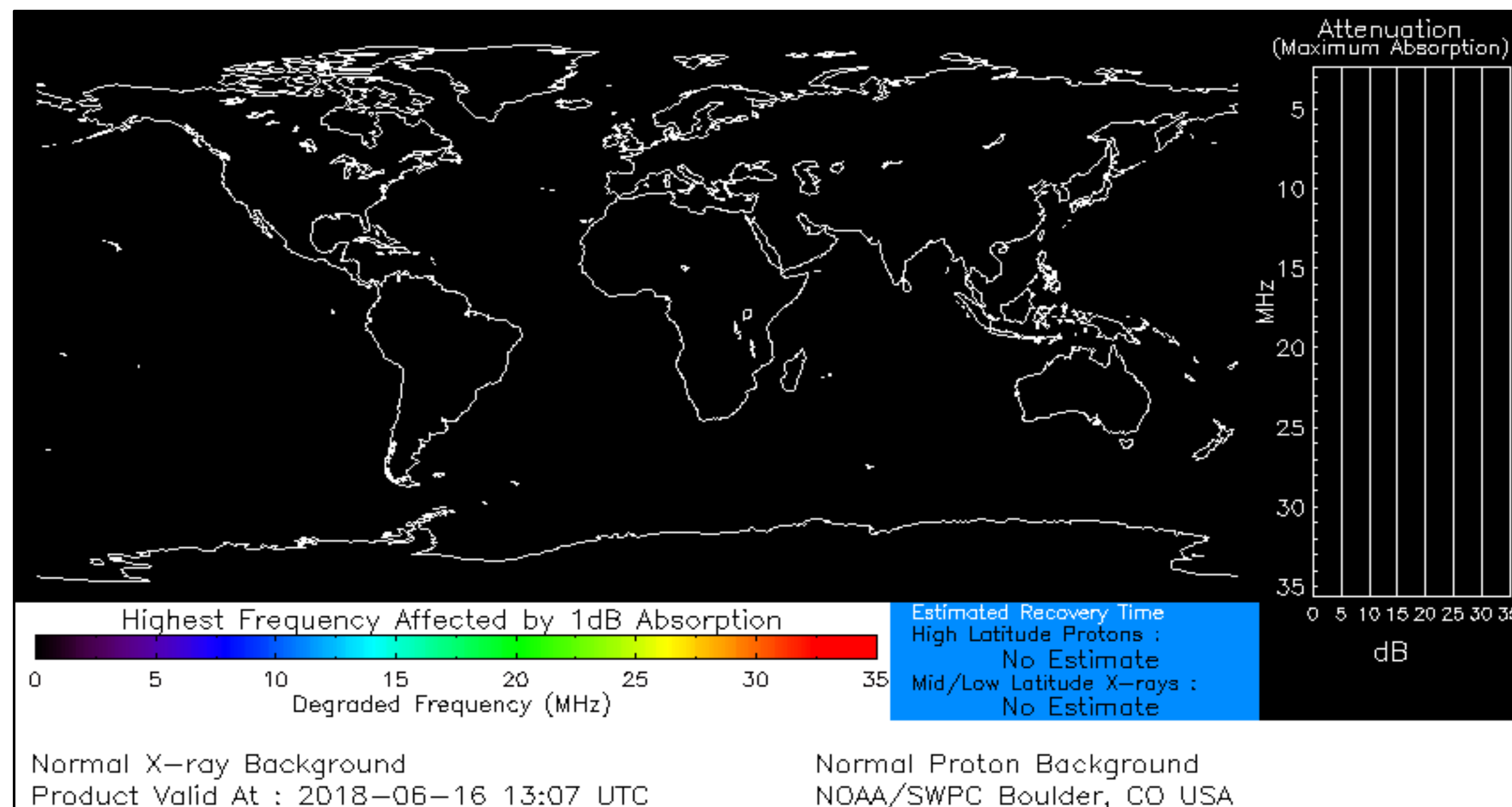


# Space Weather 3-Day Forecast



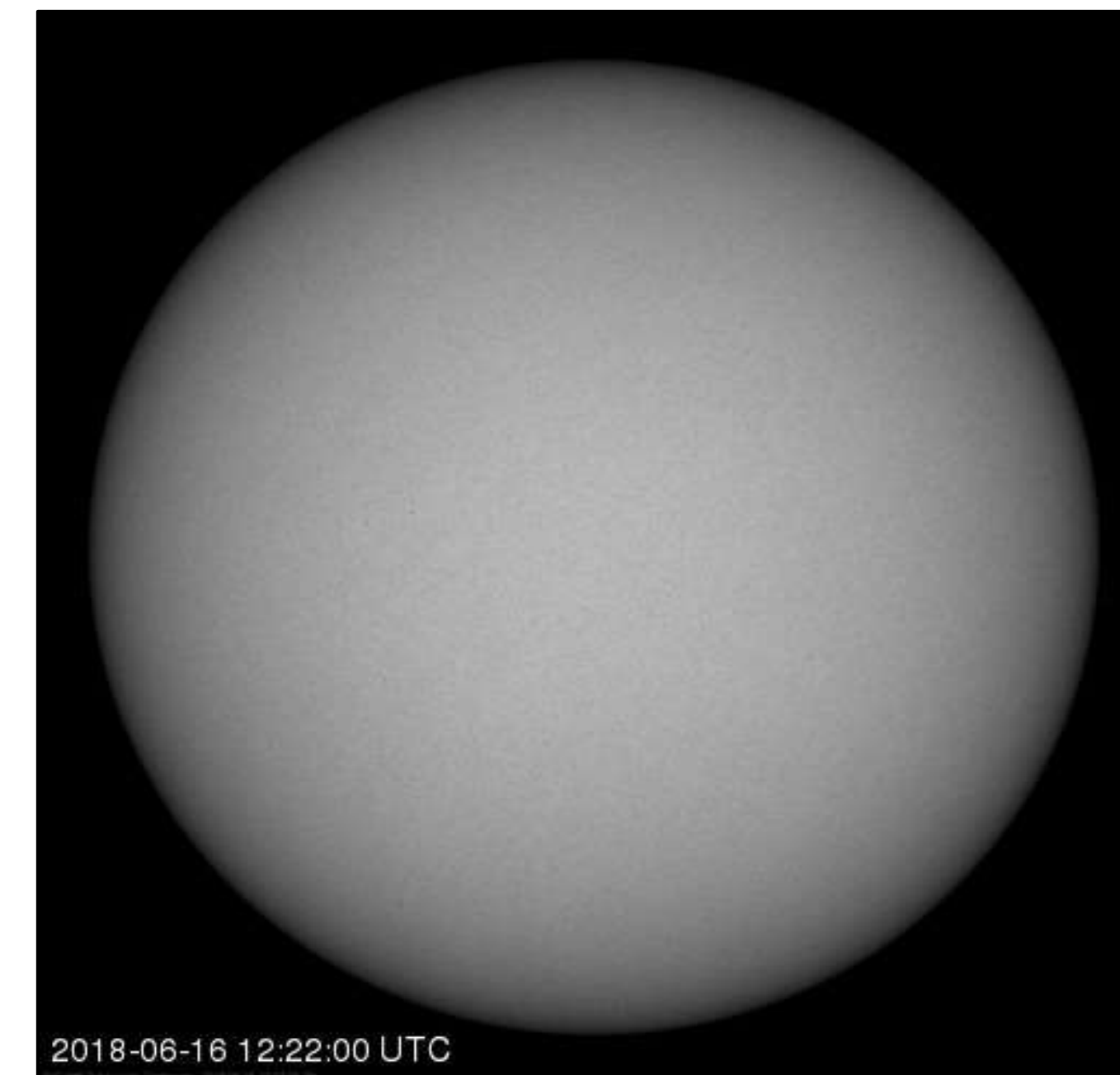
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	Saturday	Sunday	Monday
<b>Geomagnetic Storms</b>	<b>Quiet</b> (Max Kp = 2)	<b>Quiet</b> (Max Kp = 2)	<b>Quiet to Unsettled</b> (Max Kp = 3)
<b>Solar Radiation Storm (S1-S5)</b>	1%	1%	1%
<b>Radio Blackout (R1-R2)</b>	1%	1%	1%
<b>Radio Blackout (R3-R5)</b>	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)







# For more information, please contact:

**National Weather Service**  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX

Phone: (682) 703-3747

E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)

Web: <http://www.weather.gov/srh>





Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**